

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Thomas V. Ressemann      Attorney Docket: TER1002USD1  
Timothy B. Petrick

Serial No.: To Be Assigned      Group Art Unit: 3738  
Prior Appl.: 09/039,779

Filed: February 5, 2001      Examiner: Suzette Jackson

For: BIFURCATED PROSTHETIC GRAFT

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**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Prior to examination of this application, please enter the following  
amendments and remarks.

**IN THE SPECIFICATION:**

At page 1, line 4, please insert --This application is a division of U.S. Serial  
No. 09/039,779, filed March 16, 1998, the content of which is hereby incorporated  
herein by reference.--

**IN THE CLAIMS:**

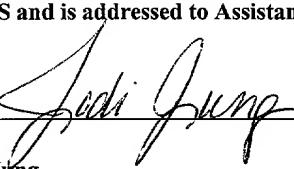
Please cancel claims 5 to 7 and 11 to 21 without prejudice.

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**Certificate of Express Mailing (37 C.F.R. § 1.10)**

I hereby certify that this paper or fee is being deposited with the United States Postal Service as "Express Mail  
Post Office to Addressee" Mailing Label No. EL517468799US and is addressed to Assistant Commissioner for  
Patents, Washington, D.C. 20231

Date: February 7, 2001

Signature: 

Name: Jodi Jung

Please amend the claims as follows:

1. (Amended) A prosthetic graft for placement by a single delivery catheter at the bifurcation of a common iliac artery into external iliac and internal iliac arteries within the vasculature of a patient comprising:

a first graft conduit having first and second ends and first and second stents, the first stent adapted to secure the first end of the first graft conduit within the lumen of the common iliac, the second stent adapted to secure the second end of the first graft conduit within the lumen of the external iliac artery; and

a second graft conduit attached in fluid communication with the first graft conduit, the second graft conduit having a third stent adapted to secure it within the lumen of the internal iliac artery, the first and second graft conduits being sized and configured to be contained within and delivered by the single delivery catheter.

8. (Amended) A prosthetic graft for placement by a single delivery catheter at the bifurcation of a common iliac artery into external and internal iliac arteries within the vasculature of a patient comprising:

a first graft conduit having first and second ends and including a tubular graft component defining a lumen and at least one stent located within the lumen and attached to the graft component, the stent adapted to secure the first end of the first graft conduit within the lumen of the common iliac artery and the second end of the first graft conduit within the lumen of the external iliac artery; and

a second graft conduit attached in fluid communication with the first graft conduit, the second graft conduit including a tubular graft component

defining a lumen and a stent located within the lumen and attached to the graft component and adapted to secure the second graft component within the lumen of the internal iliac artery, the first and second graft conduits being sized and configured to be contained within and delivered by the single delivery catheter.

9. (Amended) A prosthetic graft for placement by a single delivery catheter at the bifurcation of a common iliac artery into external and internal iliac arteries within the vasculature of a patient comprising:

a first leg having first and second leg segments, the first leg segment adapted to be deployed in the lumen of the common iliac artery, the second leg segment adapted to be deployed in the lumen of the external iliac artery; and

a second leg adapted to be deployed in the lumen of the internal iliac artery, whereby the first and second segments of the first leg and the second leg are adapted to be independently deployable within the lumens of the common iliac artery, the external iliac artery and the internal iliac artery, the first and second legs being sized and configured to be contained within and delivered by the single delivery catheter.

#### REMARKS

This application is a division of U.S. Serial No. 09/039,779, filed March 16, 1998. Applicants have paid the issue fee for U.S. Serial No. 09/039,779.

The specification has been amended above. The amendments to the specification add no new matter.

Claims 1 to 24 were originally filed in the parent application. Claims 1 to 4, 8 to 10, and 22 to 24 were subject to a restriction requirement. Claims 5 to 7 and 11 to 21 have been canceled without prejudice above.

Preliminary Amendment  
Applicants: Thomas V. Ressemann et al.  
Serial Number: To Be Assigned

Attorney Docket: TER1002USD1

Claims 1, 8, and 9 have been amended above. The amendments to the claims are shown in the attachment enclosed herewith. Claims 1 to 4, 8 to 10, and 22 to 24 will be pending after entry of the amendments above.

Support for the amendments to claims 1, 8, and 9 may be found generally throughout the specification and at page 10, lines 7 to 19.

If any additional fees are due in connection with the filing of this paper, please charge the fees to our Deposit Account No. 16-2312. If a fee is required for an extension of time under 37 C.F.R. § 1.136 not accounted for above, such an extension is requested and the fee should also be charged to our deposit account.

Respectfully submitted, ·

Date: 2/7/01

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**ATTACHMENT TO AMENDMENT AND RESPONSE**

Amendments to claims with changes marked:

1. (Amended) A prosthetic graft for placement by a single delivery catheter at the bifurcation of a [first vessel into second and third vessels] common iliac artery into external iliac and internal iliac arteries within the vasculature of a patient comprising:

a first graft conduit having first and second ends and first and second stents, the first stent adapted to secure the first end of the first graft conduit within the lumen of the [first vessel] common iliac, the second stent adapted to secure the second end of the first graft conduit within the lumen of the [second vessel] external iliac artery; and

a second graft conduit attached in fluid communication with the first graft conduit, the second graft conduit having a third stent adapted to secure it within the lumen of the [third vessel] internal iliac artery, the first and second graft conduits being sized and configured to be contained within and delivered by the single delivery catheter.

8. (Amended) A prosthetic graft for placement by a single delivery catheter at the bifurcation of a [first vessel into second and third vessels] common iliac artery into [second and third vessels] external and internal iliac arteries within the vasculature of a patient comprising:

a first graft conduit having first and second ends and including a tubular graft component defining a lumen and at least one stent located within the lumen and attached to the graft component, the stent adapted to secure the first end of the first graft conduit within the lumen of the [first

vessel] common iliac artery and the second end of the first graft conduit within the lumen of the [second vessel] external iliac artery; and

a second graft conduit attached in fluid communication with the first graft conduit, the second graft conduit including a tubular graft component defining a lumen and a stent located within the lumen and attached to the graft component and adapted to secure the second graft component within the lumen of the [third vessel] internal iliac artery, the first and second graft conduits being sized and configured to be contained within and delivered by the single delivery catheter.

9. (Amended) A prosthetic graft for placement by a single delivery catheter at the bifurcation of a [first vessel into second and third vessels] common iliac artery into [second and third vessels] external and internal iliac arteries within the vasculature of a patient comprising:

a first leg having first and second leg segments, the first leg segment adapted to be deployed in the lumen of the [first vessel] common iliac artery, the second leg segment adapted to be deployed in the lumen of the [second vessel] external iliac artery; and

a second leg adapted to be deployed in the lumen of the [third vessel] internal iliac artery, whereby the first and second segments of the first leg and the second leg are adapted to be independently deployable within the lumens of the [first, second, and third vessels] common iliac artery, the external iliac artery and the internal iliac artery, the first and second legs being sized and configured to be contained within and delivered by the single delivery catheter.